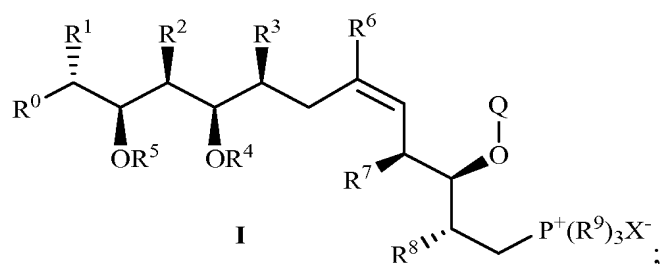


This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1. (Original) A process for preparing a compound of formula I:



wherein:

R<sup>0</sup> is C<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, C<sub>2-6</sub> alkynyl, (CH<sub>2</sub>)<sub>r</sub>(C<sub>3-6</sub> cycloalkyl), (CH<sub>2</sub>)<sub>r</sub>(aryl) or (CH<sub>2</sub>)<sub>r</sub>(heterocycle), wherein r is selected from 0, 1, 2, 3, and 4;

R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> are independently H or C<sub>1-10</sub> alkyl;

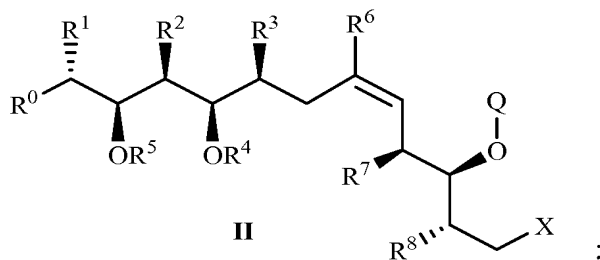
R<sup>4</sup> is an acid labile hydroxyl protecting group;

R<sup>5</sup> is an oxidatively labile hydroxyl protecting group;

each R<sup>9</sup> is independently C<sub>6-14</sub> aryl;

Q is H or an acid labile hydroxyl protecting group wherein the hydroxyl protecting group has a mass of 135 Daltons or less and is unbranched at the atom bonded to the oxygen of the hydroxyl group being protected; and  
X is halogen;

comprising contacting a compound of formula II:

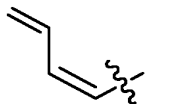


wherein:

R<sup>0</sup> is C<sub>1-6</sub> alkyl, C<sub>2-6</sub> alkenyl, C<sub>2-6</sub> alkynyl, (CH<sub>2</sub>)<sub>r</sub>(C<sub>3-6</sub> cycloalkyl), (CH<sub>2</sub>)<sub>r</sub>(aryl) or (CH<sub>2</sub>)<sub>r</sub>(heterocycle), wherein r is selected from 0, 1, 2, 3, and 4;

- $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^6$ ,  $R^7$  and  $R^8$  are independently H or  $C_{1-10}$  alkyl;  
 $R^4$  is an acid labile hydroxyl protecting group;  
 $R^5$  is an oxidatively labile hydroxyl protecting group;  
Q is H or an acid labile hydroxyl protecting group wherein the hydroxyl protecting group has a mass of 135 Daltons or less and is unbranched at the atom bonded to the oxygen of the hydroxyl group being protected; and  
X is halogen;
- at a pressure of less than about 10,000 psi with a phosphine of formula  $P(R^9)_3$  wherein each  $R^9$  is independently  $C_{6-14}$  aryl;
- for a time and under conditions sufficient to prepare the compound of formula I.
2. (Original) A process according to claim 1 wherein Q is methoxymethyl, methylthiomethyl, 2-methoxyethoxymethyl, acetyl, benzyloxymethyl, 2-(trimethylsilyl)ethoxymethyl or allyl.
  3. (Original) A process according to claim 2 wherein Q is methoxymethyl.
  4. (Original) A process according to claim 1 wherein the X moiety of the compound of formula II is iodo.
  5. (Original) A process according to claim 1 further comprising a base.
  6. (Original) A process according to claim 5 wherein the base is non-nucleophilic.
  7. (Original) A process according to claim 6 wherein the base is isopropyl-diethylamine.
  8. (Original) A process according to claim 1 wherein the reaction is carried out at essentially atmospheric pressure.
  9. (Original) A process according to claim 1 wherein  $R^0$  is alkenyl.

10. (Original) A process according to claim 9 wherein  $R^0$  is:



11. (Original) A process according to claim 1 wherein  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^6$ ,  $R^7$  and  $R^8$  are independently H or  $C_{1-3}$  alkyl.

12. (Original) A process according to claim 1 wherein  $R^1$ ,  $R^2$ ,  $R^7$  and  $R^8$  are methyl and  $R^3$  and  $R^6$  are each independently H or methyl.

13. (Original) A process according to claim 1 wherein  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^6$ ,  $R^7$  and  $R^8$  are methyl.

14. (Original) A process according to claim 1 wherein  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^7$  and  $R^8$  are methyl and  $R^6$  is H.

15. (Original) A process according to claim 1 wherein the reaction temperature is in the range of about 0 to about 200°C.

16. (Original) A process according to claim 15 wherein the reaction temperature is in the range of about 20 to about 140°C.

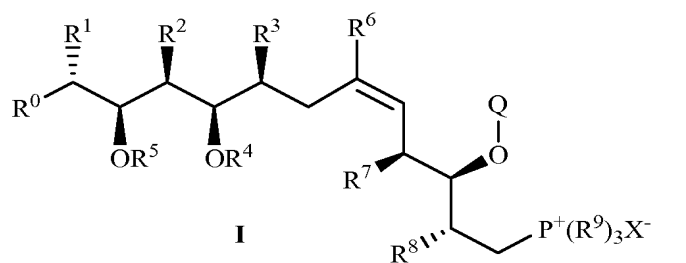
17. (Original) A process according to claim 1 wherein the reaction pressure is in the range from about ambient to about 10,000 psi.

18. (Original) A process according to claim 17 wherein the reaction pressure is essentially ambient.

19. (Original) A process according to claim 1 wherein at least one of  $R^9$  is phenyl.

20. (Original) A process according to claim 1 wherein  $R^5$  is *para*-methoxybenzyl.

21. (Original) A process according to claim 1 wherein  $R^4$  is  $(R^{16})_3Si-$ , and wherein each  $R^{16}$  is independently  $C_{1-6}$  alkyl.
22. (Original) A process according to claim 21 wherein  $R^4$  is tert-butyldimethylsilyl.
23. (Original) A compound of the formula I:



wherein:

- $R^0$  is  $C_{1-6}$  alkyl,  $C_{2-6}$  alkenyl,  $C_{2-6}$  alkynyl,  $(CH_2)_r(C_{3-6}$  cycloalkyl),  $(CH_2)_r(aryl)$  or  $(CH_2)_r(heterocycle)$ , wherein  $r$  is selected from 0, 1, 2, 3, and 4;
- $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^6$ ,  $R^7$  and  $R^8$  are independently H or  $C_{1-10}$  alkyl;
- $R^4$  is an acid labile hydroxyl protecting group;
- $R^5$  is an oxidatively labile hydroxyl protecting group;
- each  $R^9$  is independently  $C_{6-14}$  aryl;
- $Q$  is H or an acid labile hydroxyl protecting group wherein the hydroxyl protecting group has a mass of 135 Daltons or less and is unbranched at the atom bonded to the oxygen of the hydroxyl group being protected; and
- $X$  is halogen.

24-33. (Canceled)